

NVL Laboratories, Inc.

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NVLAP

#102063

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Paul W. Jackson & Associates, Inc.

Address: 3604 Beach Drive SW

Seattle, WA 98116

Attention: Mr. Paul Jackson

Project Location: Rainier Brewery Seattle, WA

Batch #: 2407853.00

Client Project #:050504

Samples Received: 3

Samples Analyzed: 3

Method: EPA/600R-93/116

Lab ID : 24043253 Client Sample #: 60491

Location: Rainier Brewery Seattle, WA

Layer 1 of 3 Description: Black asphaltic material

Non-Fibrous Materials:

Fine particles,Asphalt/binder

Other Fibrous Materials:%

None Detected ND

Asbestos Type: %**Chrysotile 10%**

Layer 2 of 3 Description: Tan powdery material

Non-Fibrous Materials:

Fine particles,Binder/Filler,Diatoms

Other Fibrous Materials:%

Mineral wool 10%

Asbestos Type: %**Amosite 5%**

Glass beads

Layer 3 of 3 Description: White fibrous woven material with asphaltic mastic

Non-Fibrous Materials:

Fine particles,Asphalt/binder

Other Fibrous Materials:%

Glass fibers 85%

Asbestos Type: %**None Detected ND****Lab ID : 24043254 Client Sample #: 604213**

Location: Rainier Brewery Seattle, WA

Layer 1 of 1 Description: Gray brittle material

Non-Fibrous Materials:

Fine particles,Binder/Filler,Mineral grains

Other Fibrous Materials:%

None Detected ND

Asbestos Type: %**None Detected ND****Lab ID : 24043255 Client Sample #: 60425**

Location: Rainier Brewery Seattle, WA

Layer 1 of 2 Description: Black asphaltic mastic

Non-Fibrous Materials:

Asphalt/binder

Other Fibrous Materials:%

None Detected ND

Asbestos Type: %**None Detected ND**

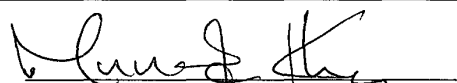
Layer 2 of 2 Description: Brown spongy material

Non-Fibrous Materials:

Fine particles,Cork

Other Fibrous Materials:%

None Detected ND

Asbestos Type: %**None Detected ND****Sampled by:** Client**Analyzed by:** Lyudmila Manzar**Reviewed by:** Munaf Khan**Date:** 06/08/2004**Date:** 06/08/2004
Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.